

In the Claims:

Claim 2 is being canceled and claims 1, 3, 4 and 6 are being amended.

1. (Currently Amended) Circuitry for terminating a phone line connection, comprising:  
powered side circuitry operable to communicate digitally with phone line side  
circuitry, said digital communication comprising a digital data stream;  
phone line side circuitry operable to communicate digitally with powered side  
circuitry, said digital communication between said powered side circuitry  
and said phone line side circuitry comprising a digital data stream  
transmitted through an isolation barrier said phone line side circuitry  
configured to be located between the phone line and the isolation barrier;  
and  
encode and decode circuitry coupled to said digital data stream to generate an  
encoded digital signal for transmission and receipt across said isolation  
barrier at least a portion of said encode and decode circuitry being within  
said phone line side circuitry; and  
DSL circuitry that may be used to generate DSL information for transmission  
across said isolation barrier.
2. (Canceled)
3. (Currently Amended) The circuitry of claim 2 1, wherein said isolation barrier is  
comprised of one or more capacitors.
4. (Currently Amended) The circuitry of claim 2 1, wherein said isolation barrier is  
comprised of a transformer and one or more capacitors.
5. (Original) The circuitry of claim 4, wherein said transformer is comprised of a pulse  
transformer.

6. (Currently Amended) The circuitry of claim 2 1, wherein said phone line side circuitry further comprises phone line side DSL circuitry that may be used for receiving said DSL information transmitted across said isolation barrier.
7. (Original) The circuitry of claim 6, wherein said isolation barrier is comprised of a transformer.
8. (Original) The circuitry of claim 7, wherein said transformer powers said phone line side DSL circuitry.
9. (Original) The circuitry of claim 7, wherein said DSL information is transmitted across said transformer.